



## State of Vermont

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Department of Environmental Conservation  
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Waste Management Division  
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April 14, 1997

GARY THOMPSON  
CHITTENDEN COUNTY TRANSPORTATION AUTHORITY  
PO BOX 609  
BURLINGTON VT 05401

RE: Closure of CCTA Site, Burlington, Vermont (Site #95-1791)

Dear Mr. Thompson:

The Sites Management Section (SMS) has reviewed the March 25, 1997 Petition for Site Management Activity Completed (SMAC) for the above referenced site prepared by Griffin International, and has reviewed the site file and additional requested information.

Based on this review, the SMS can now make the following conclusions:

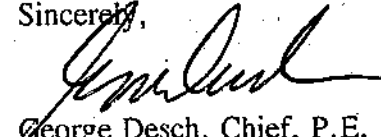
- The source of the contamination at this site was from a December 1992, release of approximately 150 gallons of hydraulic oil from an on-site hydraulic lift system. In addition, one 1,000 gallon UST containing waste oil was closed in place in December of 1996. No apparent release of waste oil was observed during this UST closure.
- Approximately 8 cubic yards of hydraulic oil contaminated soil were removed from the immediate vicinity of the hydraulic oil release in December of 1992. The soils were stockpiled and maintained on site until February 26, 1997, when they were transported to the ESMI asphalt batch facility in Glens Falls, New York.
- Two recovery wells were installed on site to be used for hydraulic oil recovery. Over 150 gallons of hydraulic oil and water have been recovered from these wells. Residual product remains in these wells, however the wells have exhibited a decreasing trend in recovery amounts. The native soils in the site are of sufficiently low-permeability. Migration of oil off-site is unlikely due to the viscosity of the oil and the low permeable soils. A calculation of average groundwater flow velocity produced an estimate of travel distance of 0.02 feet per year.
- Three monitoring wells were installed on site in 1993. Groundwater samples collected from these wells have been analyzed for volatile organic compounds and total petroleum hydrocarbons. All samples were found to be non-detect for these constituents.

- No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the release of hydraulic oil at this site.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release CCTA of any past or future liability associated with the petroleum contamination onsite. It does, however, mean that the SMS is not requesting any additional work in response to the December 1992, hydraulic oil release.

Please feel free to call with any questions.

Sincerely,



George Desch, Chief, P.E.  
Sites Management Section

CC: Burlington City Council  
DEC Regional Office